

|                               |                        |                     |  |
|-------------------------------|------------------------|---------------------|--|
| <b>Notice of Allowability</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                               | 10/069,871             | BAE, SHIN-YOUNG     |  |
|                               | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                               | Robin A. Hylton        | 3727                |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed June 24, 2005.
2. ☒ The allowed claim(s) is/are 1,3-5,7 and 8.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                       |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance                         |
|   | 9. <input type="checkbox"/> Other _____.  |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jean Edwards on August 31, 2005.

The application has been amended as follows:

#### IN THE CLAIMS:

In claim 1, line 6, -- and remain in coupled axial position therewith -- has been added after "from the inner cap".

In claim 1, line 11, "first and second" has been changed to -- a first set and a second set of".

In claim 1, line 12, "inner and outer" has been changed to -- outer and inner --.

In claim 1, line 14, -- first set and the second set of -- has been inserted before "ratcheting teeth".

In claim 1, line 17, -- set of -- has been inserted before each occurrence of "ratcheting teeth".

In claim 1, lines 17 and 18, "first and second" has been changed to -- first set and the second set of --.

In claim 1, line 19, "relatively" has been changed to -- relative --.

In claim 1, line 19, -- set of -- has been inserted before "ratcheting teeth".

In claim 1, line 20, -- set of -- has been inserted before each occurrence of "ratcheting teeth".

In claim 1, line 21, -- set of -- has been inserted before "ratcheting teeth".

Art Unit: 3727

In claim 1, line 28, -- set of -- has been inserted after "the second".

In claim 1, line 29, -- set of -- has been inserted before "ratcheting teeth".

In claim 3, line 6, -- one of the sets of -- has been inserted before "ratcheting teeth".

In claim 4, line 4, -- one of the sets of -- has been inserted before "ratcheting teeth".

In claim 5, line 6, -- and remain in coupled axial position therewith -- has been added after the first occurrence of "inner cap".

In claim 5, line 11, "first and second" has been changed to -- a first set and a second set of".

In claim 5, lines 12 and 13, "inner and outer" has been changed to -- outer and inner --.

In claim 5, line 14, -- first set and the second set of -- has been inserted before "ratcheting teeth".

In claim 5, line 15, "first and second" has been changed to -- first set and second set of --.

In claim 5, line 16, "relatively" has been changed to -- relative --.

In claim 5, line 17, -- set of -- has been inserted before each occurrence of "ratcheting teeth".

In claim 5, line 18, -- set of -- has been inserted before each occurrence of "ratcheting teeth".

2. The following is an examiner's statement of reasons for allowance: the prior art does not teach a closure as claimed wherein the outer and inner caps are coupled via grooves and projections to remain axially coupled, a first and a second set of ratcheting teeth, first and second ratcheting protrusions, and an indicator on the top surfaces of the inner and outer caps. Although not explicitly stated in the claims, the first and second sets of ratcheting teeth (as well as the first and second ratcheting projections) are spaced apart so as to move toward each other to produce

Art Unit: 3727

the tension there between when in engagement and moving relative to each other so as rotate the closure from an associated container opening.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robin A. Hylton whose telephone number is 571/272-4540. The examiner can normally be reached on Monday-Friday 9:00 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Newhouse can be reached on 571/272-4544. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RAH  
August 31, 2005

A handwritten signature in black ink, appearing to be 'RAH' with a stylized flourish extending to the right.

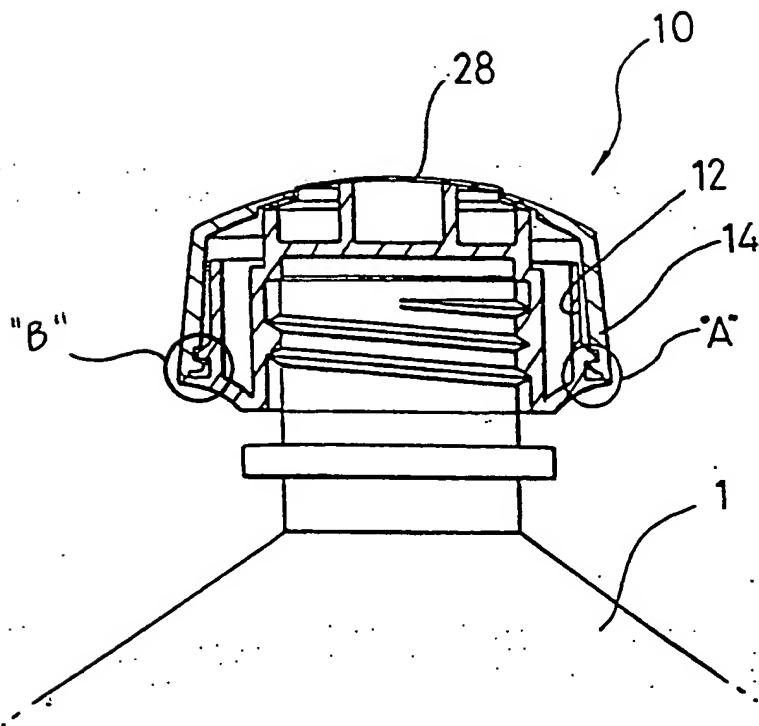
Robin A. Hylton  
Primary Examiner  
GAU 3727

Approved



1/6

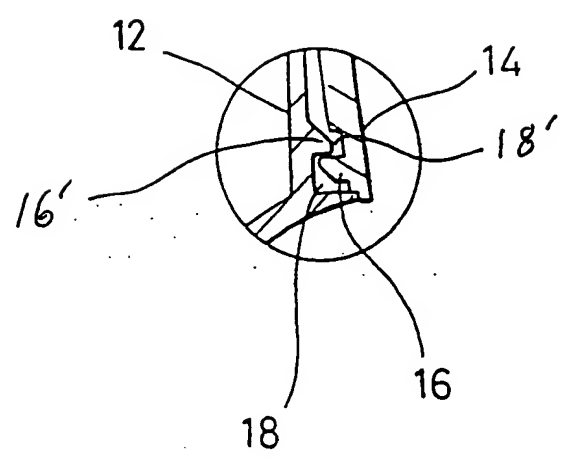
FIG. 1



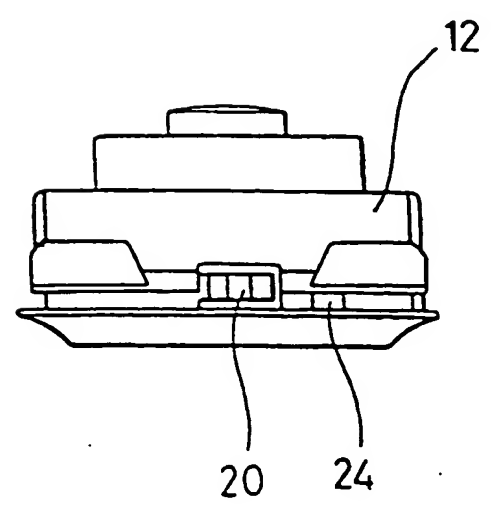
approved



2/6  
**FIG. 2A**



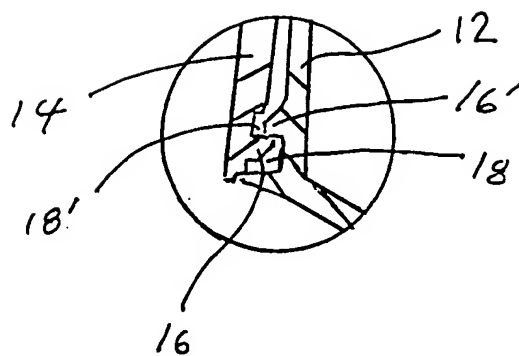
**FIG. 3**



Approved

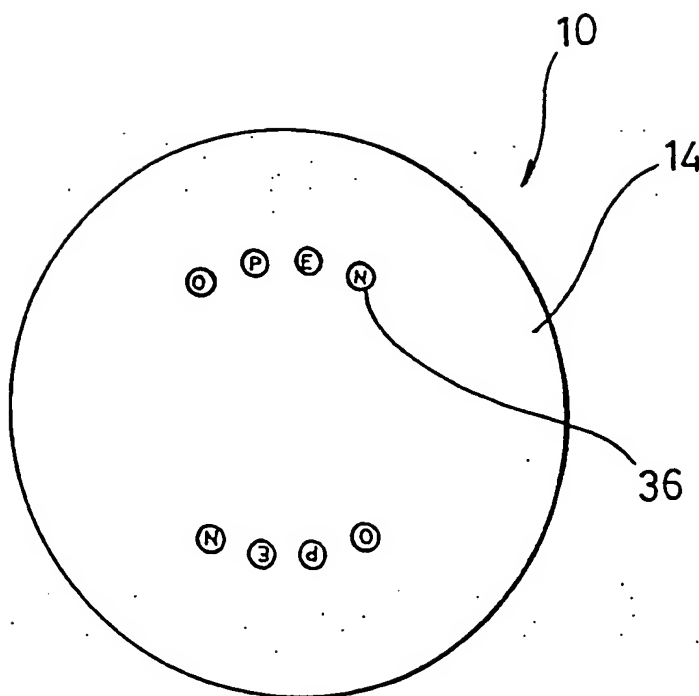


FIG. 2B





6 / 6  
**FIG.10**



Best Available Copy